

=> fil reg  
FILE 'REGISTRY' ENTERED AT 10:22:43 ON 07 DEC 2006  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 6 DEC 2006 HIGHEST RN 914980-83-9  
DICTIONARY FILE UPDATES: 6 DEC 2006 HIGHEST RN 914980-83-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

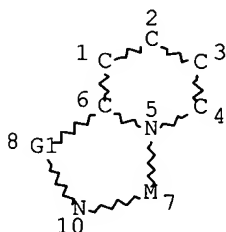
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

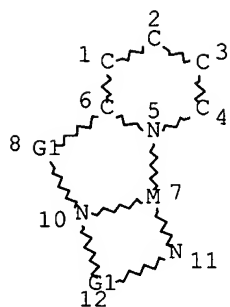
=> d sta que 177  
L11 STR



REP G1=(1-4) C  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE  
L31 SCR 1965 OR 1991 OR 1918  
L33 171779 SEA FILE=REGISTRY SSS FUL L11 AND L31  
L34 STR

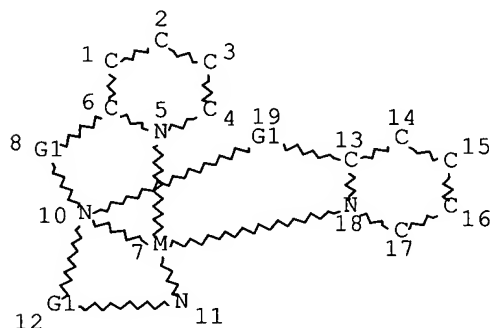


REP G1=(1-4) C  
 NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L36 38358 SEA FILE=REGISTRY SUB=L33 SSS FUL L34  
 L37 STR

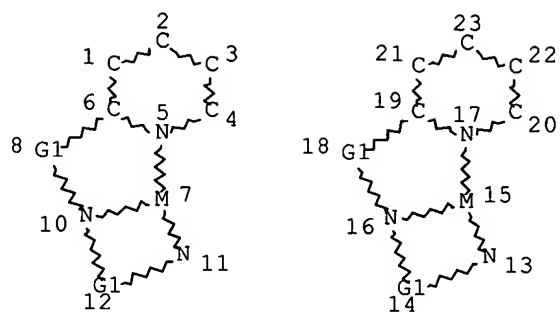


REP G1=(1-4) C  
 NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

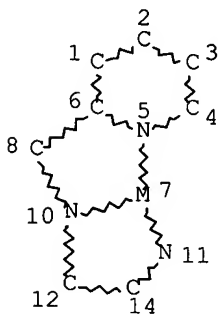
L39 4056 SEA FILE=REGISTRY SUB=L36 SSS FUL L37  
 L40 STR



REP G1=(1-4) C  
 NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 22

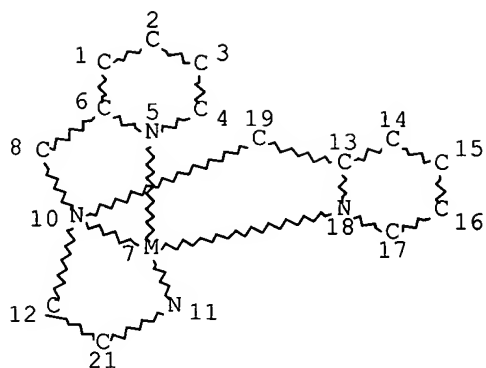
STEREO ATTRIBUTES: NONE  
 L42 8626 SEA FILE=REGISTRY SUB=L36 SSS FUL L40  
 L46 STR



NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE  
 L48 32248 SEA FILE=REGISTRY SUB=L36 SSS FUL L46  
 L49 STR

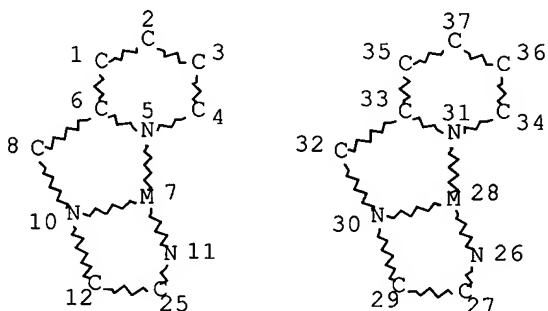


NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

L51 3689 SEA FILE=REGISTRY SUB=L39 SSS FUL L49  
 L52 STR

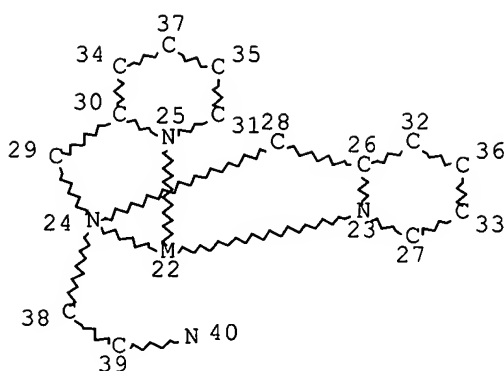
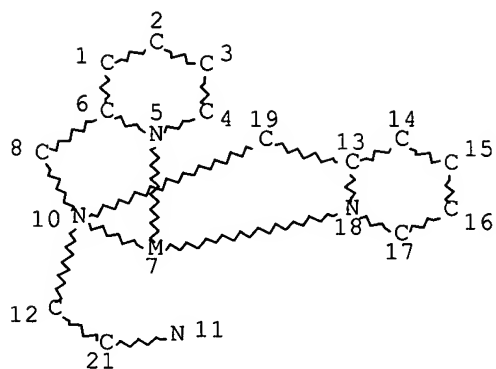


NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE

L54 7244 SEA FILE=REGISTRY SUB=L42 SSS FUL L52  
 L55 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

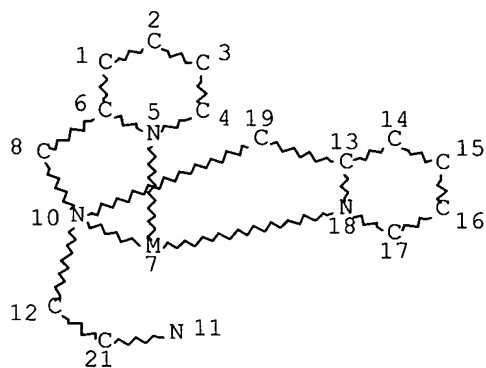
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 38

STEREO ATTRIBUTES: NONE

L59 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

L61 76 SEA FILE=REGISTRY SUB=L33 SSS FUL L59

L62 2 SEA FILE=REGISTRY SUB=L61 SSS SAM L55

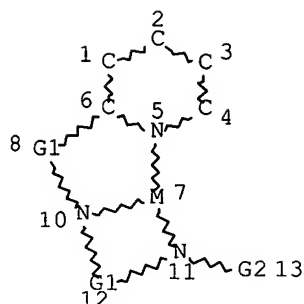
L64 38358 SEA FILE=REGISTRY ABB=ON PLU=ON (L36 OR L39 OR L42 OR L48 OR L51 OR L54)

L65 24210 SEA FILE=REGISTRY ABB=ON PLU=ON L64 AND (MN OR TC OR RE OR FE OR RU OR OS OR CO OR RH OR IR OR NI OR PD OR PT)/ELS

L66 35 SEA FILE=REGISTRY ABB=ON PLU=ON (L61 OR L62) AND (MN OR TC OR RE OR FE OR RU OR OS OR CO OR RH OR IR OR NI OR PD OR PT)/ELS

L67

STR



REP G1=(1-4) C

VAR G2=AK/CB

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

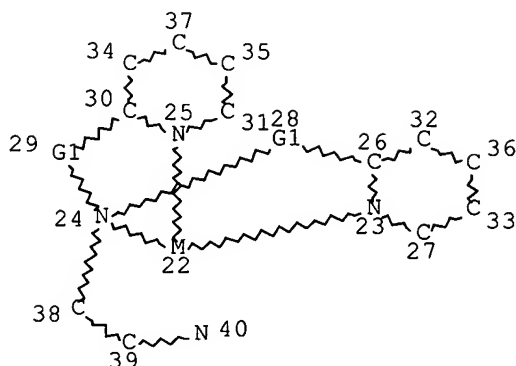
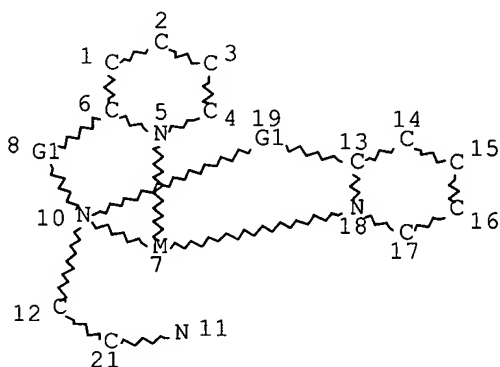
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L69 1911 SEA FILE=REGISTRY SUB=L65 SSS FUL L67

L70 STR



REP G1=(1-4) C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

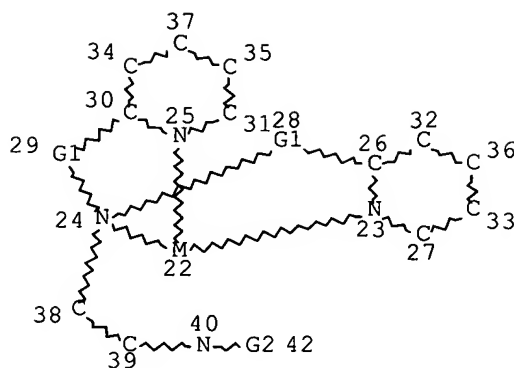
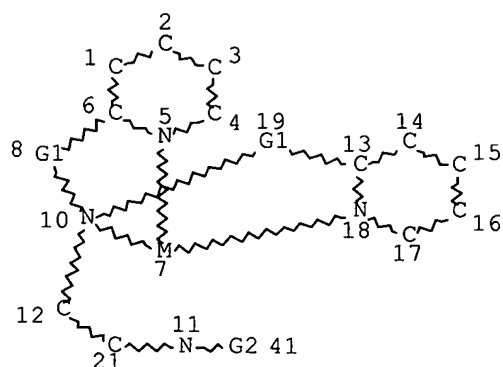
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 38

STEREO ATTRIBUTES: NONE

L72 29 SEA FILE=REGISTRY SUB=L33 SSS FUL L70

L73 STR



REP G1=(1-4) C

VAR G2=AK/CB

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 40

STEREO ATTRIBUTES: NONE

L74 24 SEA FILE=REGISTRY SUB=L72 SSS FUL L73

L75 20 SEA FILE=REGISTRY ABB=ON PLU=ON L66 AND (L72 OR L74)

L76 20 SEA FILE=REGISTRY ABB=ON PLU=ON L75 AND L74

L77 1931 SEA FILE=REGISTRY ABB=ON PLU=ON (L69 OR L76)

=> d his

(FILE 'HOME' ENTERED AT 09:06:01 ON 07 DEC 2006)

SET COST OFF

FILE 'HCAPLUS' ENTERED AT 09:06:11 ON 07 DEC 2006

L1 1 S US20040242893/PN OR (US2004-802514# OR GB2003-6418)/AP,PRN  
E SOLAN/AU

L2 82 S E13-E15  
E DAVIES/AU

L3 3 S E3  
E DAVIES C/AU

L4 118 S E3,E13

L5 93 S E81,E92

L6 26 S E101,E102

L7 313 S L2-L6 NOT L1  
SEL RN L1

FILE 'REGISTRY' ENTERED AT 09:08:27 ON 07 DEC 2006

L8 32 S E1-E32

L9 19 S L8 NOT CCS/CI

L10 13 S L8 NOT L9

L11 STR

L12 50 S L11

L13 STR L11

L14 41 S L13  
E CCS/CI

L15 SCR 2049 AND 1918  
 L16 SCR 2049 AND 1965  
 L17 SCR 2049 AND 1991  
 L18 50 S L13 AND L15  
 L19 50 S L13 AND L16  
 L20 50 S L13 AND L17  
 L21 42 S L18 NOT L19,L20  
 L22 SCR 2049  
 L23 SCR 1965 OR 1991  
 L24 SCR 1918  
 L25 50 S L11 AND L15  
 L26 50 S L11 AND L16  
 L27 50 S L11 AND L17  
 L28 109 S L25-L27 NOT L18-L21  
 L29 50 S L11 AND L23  
 L30 50 S L11 AND L24  
 L31 SCR 1965 OR 1991 OR 1918  
 L32 50 S L11 AND L31  
 L33 171779 S L11 AND L31 FUL  
 L34 STR L11  
 L35 50 S L34 SAM SUB=L33  
 L36 38358 S L34 FUL SUB=L33  
 SAV TEMP L36 GROUP802/A  
 L37 STR L34  
 L38 50 S L37 SAM SUB=L36  
 L39 4056 S L37 FUL SUB=L36  
 SAV TEMP L39 GROUP802A/A  
 L40 STR L34  
 L41 50 S L40 SAM SUB=L36  
 L42 8626 S L40 FUL SUB=L36  
 SAV TEMP L42 GROUP802B/A  
 L43 STR L37  
 L44 46 S L43 SAM SUB=L39  
 L45 1023 S L43 FUL SUB=L39  
 SAV TEMP L45 GROUP802C/A  
 L46 STR L34  
 L47 50 S L46 SAM SUB=L36  
 L48 32248 S L46 FUL SUB=L36  
 SAV TEMP L48 GROUP802D/A  
 L49 STR L37  
 L50 50 S L49 SAM SUB=L39  
 L51 3689 S L49 FUL SUB=L39  
 SAV TEMP L51 GROUP802E/A  
 L52 STR L40  
 L53 50 S L52 SAM SUB=L42  
 L54 7244 S L52 FUL SUB=L42  
 SAV TEMP L54 GROUP802F/A  
 L55 STR L49  
 L56 2 S L55 SAM SUB=L33  
 L57 29 S L55 FUL SUB=L33  
 SAV TEMP L57 GROUP802G/A  
 L58 13 S L8 AND L33  
 L59 STR L55  
 L60 3 S L59 SAM SUB=L33  
 L61 76 S L59 FUL SUB=L33  
 SAV L61 GROUP802H/A  
 L62 2 S L55 SAM SUB=L61  
 L63 29 S L55 FUL SUB=L61  
 DEL GROUP802H/A  
 SAV TEMP L61 GROUP802H/A



SAV TEMP L63 GROUP802I/A  
 L64 38358 S L36,L39,L42,L48,L51,L54  
 L65 24210 S L64 AND (MN OR TC OR RE OR FE OR RU OR OS OR CO OR RH OR IR O  
 L66 35 S L61,L62 AND (MN OR TC OR RE OR FE OR RU OR OS OR CO OR RH OR  
 L67 STR L34  
 L68 50 S L67 SAM SUB=L65  
 L69 1911 S L67 FUL SUB=L65  
 SAV TEMP L69 GROUP802J/A  
 L70 STR L55  
 L71 2 S L70 SAM SUB=L33  
 L72 29 S L70 FUL SUB=L33  
 SAV TEMP L63 GROUP802K/A  
 L73 STR L70  
 L74 24 S L73 FUL SUB=L72  
 SAV TEMP L74 GROUP802L/A  
 L75 20 S L66 AND L72,L74  
 L76 20 S L75 AND L74  
 L77 1931 S L69,L76  
 L78 13 S L8 AND L77  
 L79 1918 S L77 NOT L78

FILE 'HCAPLUS' ENTERED AT 10:09:25 ON 07 DEC 2006

L80 3 S L78  
 L81 377 S L79  
 L82 3 S L80 AND (L1-L7 OR (EXXON? OR MOBIL?)/PA,CS)  
 L83 7 S L81 AND (L1-L7 OR (EXXON? OR MOBIL?)/PA,CS)  
 L84 1 S L83 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)  
 L85 1 S L82 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)  
 L86 2 S L84,L85  
 L87 370 S L81 NOT L80,L82-L86  
 L88 234 S L87 AND PY<=2003 NOT P/DT  
 L89 283 S L87 AND (PD<=20030320 OR PRD<=20030320 OR AD<=20030320)  
 L90 49 S L89 AND P/DT  
 L91 38 S L79 (L) CAT/RL AND L90  
 L92 36 S L90 AND CATALYST?/CW,CT  
 E POLYMERIZATION CATALYST/CT  
 E E4+ALL  
 L93 7 S L90 AND E2,E12-E19  
 L94 36 S L92-L93  
 L95 22 S L88 AND L79 (L) CAT/RL  
 L96 3 S L88 AND E2,E12-E19  
 L97 23 S L95,L96  
 L98 59 S L94,L97  
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 10:21:48 ON 07 DEC 2006

L99 162 S E1-E162

FILE 'REGISTRY' ENTERED AT 10:22:43 ON 07 DEC 2006

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 10:23:09 ON 07 DEC 2006

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